Accident / Incident Report Closed

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Unit/Department	Process Area		Site			Rep	ort Numbe	эг		
South Operation-Elyria			ELYRIA			0084	-SOPS-1	4-0011	ATHLESON	
Report Date	Incident Date		Incident Time	e	70-30-83 A . A	Copi	ed From			
01/18/2014	01/18/2014		02:30 PM				·		i	
Incident Location		Team Leader / Supervisor			Reported By					
1st floor of building 31		Terrence M Vanderbosch								
Title of Event (Limit to 90 char	PIN AND THE AND THE PARTY OF TH	Category				ion / Bus group Cod				
Nox evacuation in building 3	ner.	Safety & Health Environmental			CC /	G-CCP	A CAST About	**************************************		
Incident Classification			I							
☐ Near Miss	Prope	rty Loss		Cont	ractor				-	
Process Safety	Citatio	n / NOV		☐ Cont	ractor l	njury / Iline	ss			
│ Injury / Illness	Health	Exposure	[☐ Cont	ract Inju	ury / Illnes:	5			
Spift / Release	☐ Inspec	tion		PSM	_					
Permit / Regulatory Deviation	on Maior	Incident	Г	Plant	Upset					
Fire		ccupational	Ī	_	,	ement System Failure				
Odor Complaint	RMP		Other			Short System Fallare				
Describe Event / What Happen	ed			- x			8 			
on the calciner the feed rate to the syntron and adjusted t discharge end of the calciner unloading hopper is. At that Immediate Corrective Action or	he syntron to slo . A nox reading o point we evacuat	ow the feed rate of 6.8 was detec	. It is suspec cted on the 2	ted that	t some	nox was	released	at the		
Turned off the feed to the cal		ated the huildin								
Immediate Cause										
Excessive material temporari	ly being fed to th	ne calciner						-	,	
Spill Release Type(s)	Non RQ Spill / R	<u> </u>						· · · · · · · · · · · · · · · · · · ·	<u></u>	
Chemical(s) Involved	Mon Ne Spin / N	CAS#	Phy. S	tate	Air	Land	Water	Contmt	Units	
Nitrogen Dioxide (NOx)		10102-44-0	Gas		.66	0	0	0	lbs	
	he Nox was rele	ased to the air.			L18-71118 1	<u> </u>		<u></u>	103	
Weather Conditions	Skies:	Temperature:		S -1	Wind Direction:		1:	Wind Speed:		
Cause Narrative Calciner had been shutdown the Syntron was at the same NOx.	for a period of ti feed rate as whe	me prior to star n shut down wh	t-up of the ca	alciner. d a floc	At the	time the	calciner the calci	was re-sta	arted, ng it to	
Contributing Causes	· · · · · · · · · · · · · · · · · · ·	Root/Primary C	auses							
No procedure exists to verify what to check prior to starting up a calciner from shutdown status.		111 - Procedure			116 - No	116 - No Procedure for Task				
Experienced operators generally know to check feed rate prior to starting up a calciner.		163 - Training	170 - 7	170 - Training LTA		175 - On-	175 - On-the-Job Training LTA			
There was no communication from the previous shift on issues that they were having with the Syntron feeder.		192 -	194 - N			197 - Cor	197 - Communication Between Shifts and Management LTA			

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Not Timely								
Explanation of Root Causes								
111/112/116 - Discussion indicated tha status and material could flood the cal 192194/197 - Maintenance had worked indication of Syntron rate prior to re-st	ciner. on the Synt	ron feeder twice durin	•	J				
Any known or potential off-site impacts?	No	PSM Incident?	No	Estimated Cost:	5,000.00 USD			
Investigation Team	Robert Gavalek; Robert L Bunnell; Brian Beller; Terrence M Vanderbosch; Justin Quach; Jefferson Lewis; Rory O-Donnell; John Bodmann; John R Crawford; Raymond A Navarro							
Approved By:		WE WITH THE THEORY OF SERVICE AND ADDRESS CONTRACTOR	alaba eramekalarik melester	TO THE THE RESIDENCE OF SERVICE O	or and a second of			
Manager / Dept. Head Leon Zavo	dnik 01/30	/2014 02:26 PM			the beauty of the the substant and their beauty of the substant of the substan			
EHS Unit Coordinator Tim Anglin	02/04/201	4 12:35 PM						
Employee Terrence N	/I Vanderbo	sch 02/01/2014 04:45	AM	Present and the Peter St				

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